

What is claimed is:

- 1 1. A method for receiving and storing voice mail messages, the method comprising:
2 receiving, at a first server, an incoming call;
3 determining whether the call is to be transferred to voice mail;
4 responsive to determining that the call is to be transferred to voice mail,
5 determining the call's voice mail extension and determining a second
6 server, the second server being the voice mail extension's home server;
7 determining whether the second server is a remote server;
8 responsive to determining that the second server is a remote server, determining
9 whether the second server is available; and
10 responsive to determining that the second server is not available, storing the voice
11 mail message in the first server.
- 1 2. The method of claim 1, further comprising;
2 responsive to determining that the call is not to be transferred to voice mail,
3 handling the call normally.
- 1 3. The method of claim 1, further comprising:
2 responsive to determining that the second server is not a remote server, storing the
3 voice mail message in the first server.
- 1 4. The method of claim 1, further comprising:
2 responsive to determining that the second server is available, sending the voice
3 mail message to the second server.
- 1 5. A method for distributing voice mail messages, the method comprising:

2 determining, at a first server, whether a second server is available;
3 responsive to determining that the second server is available, retrieving a voice
4 mail message from the first server; and
5 sending the voice mail message to the second server.

1 6. The method of claim 2, further comprising:
2 querying a configuration module for a location of the second server.

1 7. The method of claim 2, further comprising:
2 receiving, by the second server, the voice mail message; and
3 storing, by the second server, the voice mail message.

1 8. An apparatus for receiving, storing, and distributing voice mail messages, the
2 apparatus comprising:
3 a call status module, configured to determine whether a call should be transferred
4 to voice mail;
5 a call transfer module, configured to determine a call's voice mail extension and a
6 server on which the voice mail extension resides; and
7 a voice mail migration module, configured to send a voice mail message to a
8 remote server.

1 9. The apparatus of claim 8, wherein:
2 the call transfer module is further configured to determine whether the server on
3 which the voice mail extension resides is a remote server.

1 10. The apparatus of claim 8, further comprising:

2 a storage interface module, configured to allow modules to store and retrieve data.

1 11. The apparatus of claim 8, further comprising:

2 an audio encoding/decoding module, configured to convert audio voice mail
3 messages to a data format suitable for storage and to convert voice mail
4 messages from this storage data format to an audio format.

1 12. The apparatus of claim 8, further comprising:

2 a telephony application programming interface module, configured to allow
3 modules access to data on a switch.

1 13. The apparatus of claim 8, further comprising:

2 a configuration module, configured to provide information about remote servers.

1 14. The apparatus of claim 8, further comprising:

2 an extension library module, configured to provide common functions that are
3 used by modules.

1 15. A system for receiving, storing, and distributing voice mail messages, the system
2 comprising:

3 at least two apparatus as in claim 8, the at least two apparatus being coupled to
4 each other.